



**2015 Alabama Department of Environmental Management 15<sup>th</sup> Annual Groundwater Conference**  
**Gordon Persons Building Auditorium, Montgomery, Alabama**  
**Tuesday, June 9, 2015**

7:30 am – 8:00 am	Registration
8:00 am – 8:20 am	Welcome and Opening Remarks
8:20 am – 9:00 am	<i>Shale Gas Investigation of GW Quality in Fayetteville Shale (Arkansas)</i> Tim Kresse, USGS
9:00 am – 9:40 am	<i>"Alice in Groundwater Land": Adams v. Lang and "Nominal" Reasonable Use in Alabama Water Law and Policy</i> Bennett Bearden, Water Policy & Law Institute, University of Alabama
9:40 am – 10:10 am	<i>Petroleum Spill Response</i> David Chung, CH2M Hill
<b>10:10 am – 10:25 am</b>	<b>Break</b>
10:25 am – 10:45 am	<i>What You Need To Know When Designing a Remedial Injection Program</i> Brad Carlson, Zebra Technologies
10:45 am – 11:10 am	<i>Pesticides in Groundwater (Alabama)</i> Heather Welch, USGS
<b>11:10 am - 12:30 pm</b>	<b>Lunch on your own (eat in the cafeteria or visit nearby restaurants)</b>
12:30 pm – 1:00pm	<i>Biosparging and Soil Vapor Extraction Using Vertical and Directionally-Drilled Wells to Address LNAPL and Petroleum Constituents in a Residential Development, Concord, North Carolina</i> Mike Skeeane, CH2M Hill
1:00 pm – 1:40pm	<i>Water Use in Alabama</i> Michael Bradley, USGS
1:40 pm – 2:10 pm	<i>Bedrock Characterization and Remedial System Design and Construction/Piedmont Site in NC</i> Richard E. Powell, CH2M Hill
<b>2:10 pm – 2:25 pm</b>	<b>Break</b>
2:25 pm – 3:05 pm	<i>The Role of State Water Management with Alabama's Groundwater Resources</i> Marlon Cook, GSA
3:05 pm – 3:35 pm	<i>Groundwater Monitoring at Redstone Arsenal</i> Bob Barnwell, ADEM
3:35 pm – 4:00 pm	<i>Presentation of dye trace study conducted in Center Point this year</i> James Robinson, Goodwyn Mills & Cawood